

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method to deploy one or more data processing systems, comprising:

capturing deployment information from a reference data processing system to deploy on said one or more data processing systems, wherein said deployment information is stored in a memory;

selecting said one or more data processing systems;
selecting, by a user, a package of said deployment information to be deployed on said one or more data processing systems;

selecting, by the user, one of a default deployment option or a customized deployment option, where the default deployment option deploys the package of said deployment information on said one or more data processing systems, and where the customized deployment option deploys one of a base software image, incremental software images, or hardware parameters on said one or more data processing systems; and

intelligently deploying said one or more data processing systems upon receiving a command from a the user if there is a match between attributes of said package and attributes of said one or more data processing systems, wherein said intelligently deploying is based on said deployment information that was captured, and includes referencing said package of said deployment information that is stored in said memory, and alternatively,

suspending deployment of said one or more data processing systems if there is no match between said attributes of said package and said attributes of said one or more data processing systems.

Claim 2 (Original): The method of claim 1, wherein said deployment information in said memory is stored on a dedicated data processing system connected to a computer network.

Claim 3 (Original): The method of claim 1, wherein capturing said deployment information includes refreshing said deployment information.

Claim 4 (Original): The method of claim 1, wherein capturing said deployment information includes referencing deployment information stored from a previous instance of deployment of one or more data processing systems.

Claim 5 (Original): The method of claim 1, wherein said deployment information includes information selected from the group of information consisting of: disk drive partitions, disk drive settings, disk array controller settings, PCI device settings, non-PCI device settings, firmware settings, fixed code settings, operating system information, application software package information, user settings, personalization information, or configuration information.

Claim 6 (Original): The method of claim 1, wherein said deployment information includes a hardware portion of a configuration and a remaining portion of said

configuration, and said intelligently deploying can update said hardware portion of said configuration on a data processing system of said one or more data processing systems before software image deployment, without destructively modifying said remaining portion of said configuration of said one or more data processing systems.

Claim 7 (Original): The method of claim 1, wherein said deployment information includes a hardware portion of a configuration and a remaining portion of said configuration, and said intelligently deploying can update said hardware portion of said configuration on a data processing system of said one or more data processing systems that has already been configured, without destructively modifying said remaining portion of said configuration of said one or more data processing systems.

Claim 8 (currently amended): A computer network to facilitate the intelligent deployment of one or more data processing system, comprising:

- one or more data processing systems to be intelligently deployed;

- one or more reference data processing systems containing deployment information;

- a means for transmission capable of conveying said deployment information to said one or more data processing systems; and

- a dedicated data processing system containing deployment information copied from said one or more reference data processing systems, wherein said dedicated data processing system conveys to said one or more data processing systems over said means for transmission a

package of deployment information selected from said deployment information, which is based on said deployment information that was captured, upon receiving a command from a user, wherein the user selects one of a default deployment option or a customized deployment option, where the default deployment option deploys the package of said deployment information on said one or more data processing systems, and where the customized deployment option deploys one of a base software image, incremental software images, or hardware parameters on said one or more data processing systems, and

wherein said dedicated data processing system compares attributes of said package of said deployment information with attributes of said one or more data processing systems and prevents transmission of said package to said one or more data processing systems if there is no match between said attributes of said package and said attributes of said one or more data processing systems.

Claim 9 (Original): The computer network of claim 8, further comprising:

a memory in said dedicated data processing system to store said package of said deployment information.

Claim 10 (Original): The computer network of claim 8, wherein capturing said deployment information includes referencing deployment information stored from a previous instance of intelligent deployment of one or more data processing systems.

Claim 11 (Original): The computer network of claim 8, wherein said deployment information includes information

selected from the group of information consisting of: disk drive partitions, disk drive settings, disk array controller settings, PCI device settings, non-PCI device settings, firmware settings, fixed code settings, operating system information, application software package information, user settings, personalization information, or configuration information.

Claim 12 (Original): The computer network of claim 8, wherein said deployment information includes a hardware portion of a configuration and a remaining portion of said configuration, and said computer network can update said hardware portion of said configuration on a data processing system of said one or more data processing systems before software image deployment, without destructively modifying said remaining portion of said configuration of said one or more data processing systems.

Claim 13 (Original): The computer network of claim 8, wherein said deployment information includes a hardware portion of a configuration and a remaining portion of said configuration, and said computer network can update said hardware portion of said configuration on a data processing system of said one or more data processing systems that has already been configured, without destructively modifying said remaining portion of said configuration of said one or more data processing systems.

Claim 14 (currently amended): A computer program embodied on electronically-readable media, containing instructions to facilitate the deployment of one or more data processing systems, comprising:

a program code segment to capture deployment information from a reference data processing system to deploy on said one or more data processing systems, wherein said deployment information is stored in a memory;

a program code segment to select said one or more data processing systems;

a program code segment to select a package of said deployment information to be deployed on said one or more data processing systems;

a program code to permit a user to select one of a default deployment option or a customized deployment option, where the default deployment option deploys the package of said deployment information on said one or more data processing systems, and where the customized deployment option deploys one of a base software image, incremental software images, or hardware parameters on said one or more data processing systems, and

a program code segment to intelligently deploy said one or more data processing systems upon receiving a command from a the user, including program code to reference said package of said deployment information that is stored in said memory, if there is a match between attributes of said package and attributes of said one or more data processing systems, and alternatively, to suspend deployment of said one or more data processing systems if there is no match between said attributes of said package and said attributes of said one or more data processing systems.

Claim 15 (Original): The computer program of claim 14, wherein said memory that stores said package of said

deployment information is included in a dedicated data processing system.

Claim 16 (Original): The computer program of claim 14, wherein said program code segment to capture deployment information from a reference data processing system to deploy on said one or more data processing systems is executed on a data processing system coupled to a network of data processing systems.

Claim 17 (Original): The computer program of claim 14, wherein said program code segment to select one or more data processing systems to be included in said one or more data processing systems is executed on a data processing system coupled to a network of data processing systems.

Claim 18 (Original): The computer program of claim 14, wherein said program code segment to select a package of said deployment information to be deployed on said one or more data processing systems is executed on a data processing system coupled to a network of data processing systems.

Claim 19 (Original): The computer program of claim 14, wherein said program code segment to intelligently deploy said one or more data processing systems upon receiving a command from user interacts with a network of data processing systems.

Claim 20 (Original): The computer program of claim 14, wherein said electronically-readable memory is a non-volatile memory selected from the group of non-volatile

memories consisting of: a magnetic disk drive, a magneto-optic disk drive, a floppy diskette, a compact disc and a flash memory.

Claim 21 (currently amended): The method of claim 1, further comprising:

selecting, by the user, one of a default image capture and a customized image capture, where the default image capture will result in an automatic image capture of all hardware configurations and base software images in the reference data processing system and the customized image capture will result in the image capture of selected hardware configurations, base software images, or incremental capture of images in the reference data processing system.

Claim 22 (currently amended): The method of claim 1, further comprising:

selecting, by the user, one of a default deployment or a customized deployment, where the default deployment will deploy all hardware configurations and software images that have been captured from the reference data processing system and the customized deployment will deploy selected hardware configuration, base software images or perform incremental deployment of captured information.

Claim 23 (previously presented): The computer network of claim 8, wherein the user selects one of a default image capture and a customized image capture, where the default image capture will result in an automatic image capture of all hardware configurations and base software images in the reference data processing system and the customized image

capture will result in the image capture of selected hardware configurations, base software images, or incremental capture of images in the reference data processing system.

Claim 24 (previously presented): The computer network of claim 8, wherein the user selects one of a default deployment or a customized deployment, where the default deployment will deploy all hardware configurations and software images that have been captured from the reference data processing system and the customized deployment will deploy selected hardware configuration, base software images or perform incremental deployment of captured information.

Claim 25 (previously presented): The computer program of claim 14, wherein the user selects one of a default image capture and a customized image capture, where the default image capture will result in an automatic image capture of all hardware configurations and base software images in the reference data processing system and the customized image capture will result in the image capture of selected hardware configurations, base software images, or incremental capture of images in the reference data processing system.

Claim 26 (previously presented): The computer program of claim 14, wherein the user selects one of a default deployment or a customized deployment, where the default deployment will deploy all hardware configurations and software images that have been captured from the reference data processing system and the customized deployment will

deploy selected hardware configuration, base software images or perform incremental deployment of captured information.

Claim 27 (currently amended): A method for deploying at least one target data processing system, comprising:

selecting a reference data processing system;

specifying, by a user, capture information of an image to be captured from the reference data processing system, wherein said capture information includes a name, description and destination of the image;

selecting, by the user, one of an default image capture option or a customized image capture option, where the default image capture option automatically captures the capture information for deployment on the target data processing system, and where the customized image capture option captures a customized capture information comprising one of a base software image, incremental software images, or hardware parameters for deployment on the target data processing system;

capturing the image capture information or customized capture information from the reference data processing system after selecting an image capture option;

selecting said target data processing system;

deploying the ~~captured image~~ capture information or customized capture information to the target data processing system based upon a selected deployment option if there is a match between attributes of said captured image and attributes of said target data processing system, and alternatively, suspending deployment of the captured image to the target data processing system if there is no

match between said attributes of said captured image and said attributes of said target data processing system.

Claim 28 (currently amended): The method of claim 27, further comprising refreshing ~~capture information~~ the capture information or customized capture information.

Claim 29 (currently amended): The method of claim 27, wherein the ~~image~~ capture information includes information selected from the group of information consisting of: disk drive partitions, disk drive settings, disk array controller settings, PCI device settings, non-PCI device settings, firmware settings, fixed code settings, operating system information, application software package information, user settings, personalization information, or configuration information.

Claim 30 (currently amended): The method of claim 27, wherein ~~image~~ the capture information includes a hardware portion of a configuration and a remaining portion of said configuration, and said intelligently deploying can update said hardware portion of said configuration on said target data processing systems before software image deployment, without destructively modifying said remaining portion of said configuration of said target data processing systems.

Claim 31 (currently amended): The method of claim 27, wherein the ~~image~~ capture information includes a hardware portion of a configuration and a remaining portion of said configuration, and said intelligently deploying can update said hardware portion of said configuration on said target data processing systems that has already been configured,

without destructively modifying said remaining portion of said configuration of said target data processing systems.

Claim 32 (currently amended): The method of claim 27, further comprising:

selecting ~~an~~ the image capture option by selecting one of a default image capture and a customized image capture, where the default image capture will result in an automatic image capture of all hardware configurations and base software images in the reference data processing system and the customized image capture will result in the image capture of selected hardware configurations, base software images, or incremental capture of images in the reference data processing system.

Claim 33 (previously presented): The method of claim 27, further comprising:

selecting a deployment option by selecting one of a default deployment or a customized deployment, where the default deployment will deploy all hardware configurations and software images that have been captured from the reference data processing system and the customized deployment will deploy selected hardware configuration, base software images or perform incremental deployment of captured information.

Claim 34 (currently amended): An apparatus for deploying at least one data processing system, the apparatus comprising:

at least one reference data processing system containing capture information;

at least one target data processing system to be deployed;

a dedicated deployment data processing system, wherein said dedicated deployment data processing system captures and stores in a memory said capture information from said reference data processing system based upon a selected image capture option, where a user selects one of an default image capture option or a customized image capture option, where the default image capture option automatically captures the capture information for deployment on the target data processing system, and where the customized image capture option captures a customized capture information comprising one of a base software image, incremental software images, or hardware parameters for deployment on the target data processing system, and

where the dedicated deployment data processing system conveys to said target data processing system a package of deployment information selected from said capture information or customized capture information by a the user based upon a selected deployment option if there is a match between attributes of said package and attributes of said target data processing system, and alternatively, suspends deployment of said image to said target data processing system if there is no match between said attributes of said package and said attributes of said target data processing system.

Claim 35 (currently amended): The apparatus of claim 34, further comprising refreshing the capture information or customized capture information.

Claim 36 (previously presented): The apparatus of claim 34, wherein said capture information includes information selected from the group of information consisting of: disk drive partitions, disk drive settings, disk array controller settings, PCI device settings, non-PCI device settings, firmware settings, fixed code settings, operating system information, application software package information, user settings, personalization information, or configuration information.

Claim 37 (previously presented): The apparatus of claim 34, wherein said capture information includes a hardware portion of a configuration and a remaining portion of said configuration, and said deploying can update said hardware portion of said configuration on said target data processing systems before software image deployment, without destructively modifying said remaining portion of said configuration of said target data processing systems.

Claim 38 (previously presented): The apparatus of claim 34, wherein said capture information includes a hardware portion of a configuration and a remaining portion of said configuration, and said deploying can update said hardware portion of said configuration on said target data processing systems that has already been configured, without destructively modifying said remaining portion of said configuration of said target data processing systems.

Claim 39 (previously presented): The apparatus of claim 34, wherein the user selects an image capture option by selecting one of a default image capture and a customized image capture, where the default image capture will result

in an automatic image capture of all hardware configurations and base software images in the reference data processing system and the customized image capture will result in the image capture of selected hardware configurations, base software images, or incremental capture of images in the reference data processing system.

Claim 40 (previously presented): The apparatus of claim 34, wherein the user selects a deployment option by selecting one of a default deployment or a customized deployment, where the default deployment will deploy all hardware configurations and software images that have been captured from the reference data processing system and the customized deployment will deploy selected hardware configuration, base software images or perform incremental deployment of captured information.

Claim 41 (new): The method of claim 1, further comprising:
selecting, by a user, one of an default image capture option or a customized image capture option, where the default image capture option automatically captures a capture information from the deployment information for deployment on the target data processing systems, and where the customized image capture option captures a customized capture information comprising one of a base software image, incremental software images, or hardware parameters for deployment on the target data processing systems.

Claim 42 (new): The computer network of claim 8, wherein the user selects one of an default image capture option or a customized image capture option, where the default image capture option automatically captures a capture information

from the deployment information for deployment on the target data processing systems, and where the customized image capture option captures a customized capture information comprising one of a base software image, incremental software images, or hardware parameters for deployment on the target data processing systems.

Claim 43 (new): The computer program of claim 14, wherein the instructions further comprises:

a program code segment to permit the user to select one of an default image capture option or a customized image capture option, where the default image capture option automatically captures a capture information from the deployment information for deployment on the target data processing systems, and where the customized image capture option captures a customized capture information comprising one of a base software image, incremental software images, or hardware parameters for deployment on the target data processing systems.